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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/874,940	06/04/2001	Bruce M. Ruana	RUANA-001	3502

7590 06/17/2005  
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EXAMINER

MAYO, TARA L

ART UNIT PAPER NUMBER

3671

DATE MAILED: 06/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/874,940

Applicant(s)

RUANA, BRUCE M.

Examiner

Tara L. Mayo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 11,23,34,46,57,69 and 74-79 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11,23,34,46,57,69 and 74-79 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 September 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 11, 34 and 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shomo (U.S. Patent No. 4,660,832).

Shomo '832, as seen in Figure 3, shows a grip comprising:

with regard to claim 11,

a skin layer (17a) having a top surface, a bottom surface, a first end, and a second end opposite said first end, wherein said top surface is continuous and flat from said first end to said second end;

a 4-way stretchable material layer (16a) with a stretchable top surface and a stretchable bottom surface wherein said 4-way stretchable material comprises polyester (col. 5, lines 44 through 46), said top surface of said stretchable layer adhered to said bottom surface of said skin layer (col. 5, lines 35 through 37); and

an adhesive disposed on said bottom surface of said 4-way stretchable layer; and  
with regard to claim 57,

further including a railing (13a) having a length and cross-sectional circumference.

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Shomo '832 fail to teach:

the top surface of the stretchable layer being permanently adhered to the bottom surface of the skin layer; and

the adhesive disposed on the bottom surface of the stretchable layer being releasable.

With regard to claims 11, 34 and 57, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to permanently adhere the top surface of the stretchable layer to the bottom surface of the skin layer on the device shown by Shomo '832 in view of the teaching for a "suitable adhesive" in column 5 on lines 35 through 37. The motivation would have been to permanently secure the skin layer to the stretchable layer as desired.

With regard to claims 11, 34 and 57, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to apply a releasable adhesive to the bottom surface of the stretchable layer on the device shown by Shomo '832 in view of the teaching for a "suitable adhesive" in column 5 on lines 34 through 35. The motivation would have been to reliably attach the grip to a handle as desired.

With regard to claim 34, the method steps recited therein are inherent to the method of making the device disclosed by Shomo '832 as modified above.

3. Claims 23, 46 and 69 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shomo (U.S. Patent No. 4,660,832) in view of Kobe et al. (U.S. Patent No. 6,610,382 B1).

Shomo '832, as seen in Figure 3, shows a grip comprising:

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with regard to claim 23,

a skin layer (17a) having a top surface, a bottom surface, a first end, and a second end opposite said first end, wherein said top surface is continuous and flat from said first end to said second end;

a 4-way stretchable material layer (16a) with a stretchable top surface and a stretchable bottom surface wherein said 4-way stretchable material comprises polyester (col. 5, lines 44 through 46), said top surface of said stretchable layer adhered to said bottom surface of said skin layer (col. 5, lines 35 through 37); and

an adhesive disposed on said bottom surface of said 4-way stretchable layer; and  
with regard to claim 69,

a railing (13a) having a length and a cross-sectional circumference.

Shomo '832 fail to teach:

the top surface of the stretchable layer being permanently adhered to the bottom surface of the skin layer;

the adhesive disposed on the bottom surface of the stretchable layer being releasable; and

a backing layer having a top surface and a bottom surface, the top surface of the backing layer permanently adhered to the bottom surface of the skin layer.

Kobe et al. '382, as seen in Figure 1, disclose a grip (20) for releasable adhesion to a hand support system comprising:

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a skin layer (21) having a top surface (the plane within which lie the tops of elements 26) and a bottom surface (25), wherein said top surface is flat;

a 4-way stretchable material (22; col. 4, lines 16 through 17 and 25 through 41) layer with a stretchable top surface and stretchable bottom surface, said top surface of said stretchable layer adhered permanently to said bottom surface of said skin layer; and

a releasable adhesive (34; col. 4, lines 54 through 56) disposed on said bottom surface of said 4-way stretchable layer, wherein said 4-way stretchable material comprises polyester.

Kobe et al. '382 further teach the possibility of multiple backing layers (col. 2, lines 39 through 42, and col. 4, lines 5 through 8).

With regard to claims 23 and 69, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to permanently adhere the top surface of the stretchable layer to the bottom surface of the skin layer on the device shown by Shomo '832 in view of the teaching for a "suitable adhesive" in column 5 on lines 35 through 37. The motivation would have been to permanently secure the skin layer to the stretchable layer as desired.

With regard to claims 23 and 69, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to apply a releasable adhesive to the bottom surface of the stretchable layer on the device shown by Shomo '832 in view of the teaching for a "suitable adhesive" in column 5 on lines 34 through 35. The motivation would have been to reliably attach the grip to a handle as desired.

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With regard to claims 23 and 69, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to modify the device shown by Shomo '832 such that it would include a backing layer as taught by Kobe et al. '382. The motivation would have been to enhance the strength of the device.

With regard to claim 46, the method steps recited therein are inherent to the method of making the device disclosed by Shomo '832 as modified above by Kobe et al. '382.

With regard to claims 23 and 69, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to include a backing layer to impart desired strength to the skin layer of the device.

4. Claims 74, 76 and 78 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shomo (U.S. Patent No. 4,660,832) in view of Oseroff et al. (U.S. Patent No. 3,848,480).

Shomo '832 teaches all of the limitations of the claimed invention with the exception(s) of:

a luminescent presence in the skin layer.

Oseroff et al. '480, as seen in Figures 1 through 6, show a grip and expressly teach the desirability of a luminescent handgrip for safe handling of a railing in the dark (col. 5, lines 35 through 42).

With regard to claims 74, 76 and 78, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to modify the device shown by Kobe

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et al. '382 such that it would include a luminescent presence in the skin layer. The motivation would have been to provide for safe handling in the dark.

5. Claims 75, 77 and 79 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shomo (U.S. Patent No. 4,660,832) in view of Kobe et al. (U.S. Patent No. 6,610,382 B1) as applied to claims 23, 46 and 69 above, and further in view of Oseroff et al. (U.S. Patent No. 3,848,480).

Shomo '832 in view of Kobe et al. '382 teaches all of the limitations of the claimed invention with the exception(s) of:

a luminescent presence in the skin layer.

Oseroff et al. '480, as seen in Figures 1 through 6, show a grip and expressly teach the desirability of a luminescent handgrip for safe handling of a railing in the dark (col. 5, lines 35 through 42).

With regard to claims 75, 77 and 79, it would have been obvious to one having ordinary skill in the art of grips at the time the invention was made to modify the device shown by Kobe et al. '382 such that it would include a luminescent presence in the skin layer. The motivation would have been to provide for safe handling in the dark.

6.

### ***Conclusion***



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7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tara L. Mayo whose telephone number is 571-272-6992. The examiner can normally be reached on Monday through Friday 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas B. Will can be reached on 571-272-6998. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to be "J. M. M.", written over the printed name "J. M. M."

13 June 2005

A large, stylized handwritten signature in black ink, likely belonging to Thomas R. Will.

Thomas R. Will  
Supervisory Patent Examiner  
Group 3600